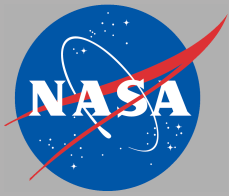


NATIONAL AERONAUTICS  
AND SPACE ADMINISTRATION

Goddard Space Flight Center

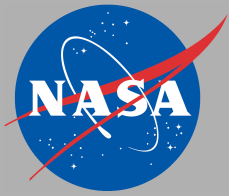
# Goddard Web Update

Emma Antunes  
Center Web Manager  
December 12, 2006



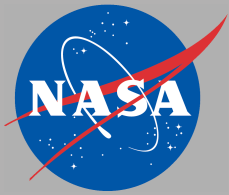
# Agenda

- Google for Goddard
- Agency Web Registration System (AWRS)
- Podcasting & Streaming Media
- NASA Portal
- Open Forum



## Google for Goddard

- Google Search Appliance to provide Intranet search
- Searches content behind the firewall
- Only accessible to NASA
- Available in 2007 Q1

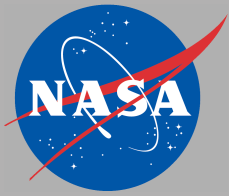


# Robots.txt

- Control how your site is crawled
- robots.txt file goes in root directory
- Examples:
  - Allow specific directories

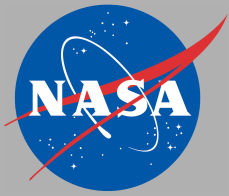
```
User-agent: gsfcbot
Allow: /public/
Allow: /foo/
```
  - Allow all

```
User-agent: gsfcbot
Disallow:
```
- Note: **BAD** security practice to list all the disallowed directories



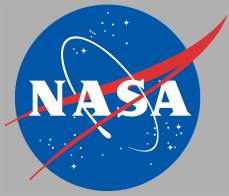
# Access control

- Robots.txt is not a replacement for access control!
  - Make sure you're using the appropriate level of access control for your content
- Not enough:
  - Limiting access to Goddard-only (Foreign nationals work here, too)
  - Security by obscurity
- Search engine will expose what's out there
  - Scrub planned



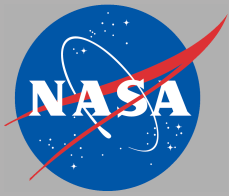
## Crawl notice

- Crawl will begin December 18
- Will include all Goddard domains accessible from the CNE
- Contact [search@majordomo.gsfc.nasa.gov](mailto:search@majordomo.gsfc.nasa.gov) with any questions



## What is AWRS?

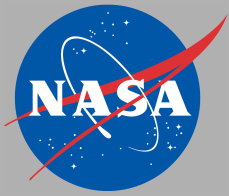
- AWRS = Agency Web Registration System
- Inventory of NASA web sites
- Provides for common policy reviews across the agency
- Managed by LaRC
- In the works for 2+ years
- Goddard & WFF are in Wave 1 of implementation
  - IVV & GISS are wave 2



## Center Actions

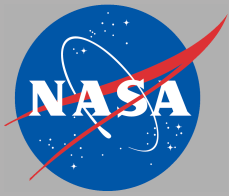
- Assign Center Administrator(s)
  - Emma Antunes and Carla Ridgeway
  - Center Admin training in Late February
- Submit Center Web data
  - Spreadsheet Due Jan 25 (date will slip)
- Certify external web sites
  - Review sites by 4/7





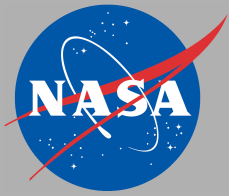
# Approach

- Do public sites now
  - We track these today
  - Pre-populate with data from IPAMS & Web Registry
  - Include GSFC & WFF; GISS & IVV will be later
- Follow up with internal sites and ftp sites in Feb/March
  - We don't track these today
  - Work with scanning team to identify what we have
- Provide outreach & training to web site owners in February
  - AWRS project will provide "train the trainer" session for all the Center Administrators



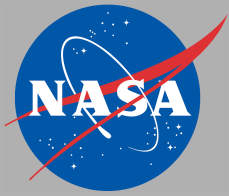
## AWRS Impact

- Significantly More Reviews required
  - Export Control, Privacy, Section 508...
  - Big change for internal-only sites
- RSA tokens required for Technical POCs
- Governance still being worked
  - What is a web site?
  - What happens if you don't register?
  - Who will do the reviews?



# Podcasting

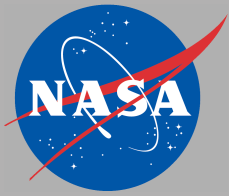
- NASA Portal Podcasts:
  - <http://www.nasa.gov/multimedia/podcasting/>
- Advice:
  - Radio quality voice, recording
    - Get a real microphone or talk to Goddard TV about using their facility
  - Imagine you are talking *with* someone; not talking to them or worse, at them
  - Like a magazine - regular format, regular schedule
    - Don't do a "trial run" for 2-3 sessions - it loses your audience



# Webcasting at GSFC

- The Goddard Library has been webcasting since 2001
- Support for live and on-demand events
- Services include support for:
  - Goddard
    - restricted to GSFC domain (include WFF, GISS and IV&V)
  - NASA
    - restricted to NASA domain\*
  - Public
    - unrestricted access\*

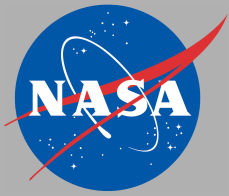
\*only with permission, default is GSFC only



# Available webcasts from GSFC

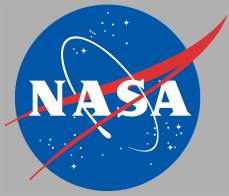
- AETD Mini-course
  - on-demand for GSFC only
- Engineering Colloquia Series
  - on-demand for GSFC only
- Exploring Leadership Colloquia Series
  - live to WFF, GISS, White Sands and IV&V
  - on-demand for GSFC only
- Information Assurance @ Goddard (IA@G)
  - live to NASA\* domain
  - on-demand to NASA\*
- Information Science and Technology (IS&T)
  - live to HQ\*
  - on-demand to Public\*
- Knowledge Management Events
  - live and on-demand to GSFC, NASA\* & Public\* as requested
- Public Affairs Office
  - Goddard Television simulcast For GSFC only
  - Space Communications Customer Forum
- Scientific Colloquia Series
  - live to WFF, GISS, White Sands and IV&V
  - on-demand to Public\*
- Systems Engineering Seminar
  - live to NASA\*
  - on-demand to Public\*
- Goddard Webmasters
  - on-demand to NASA\*

\*only with permission, default is GSFC only



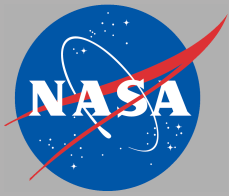
## GSFC Streaming Media Center

- Only available within GSFC domain
- Grants users access to specific content within the video not just the whole video
- Video indexing is similar to a back-of-the book index
- Typing a keyword leads you to the specific location (interval) of the subject
- Compares recognized speech from the audio with stored vocabulary to create the index
- Speaker inflections help to determine relevant intervals
- Integration with other knowledge assets



# NASA Portal

- Portal memo still in effect
  - Public Outreach sites belong in the portal
  - Science sites encouraged to go to the portal if it can meet their requirements
- Portal redesign planned
  - Prepare for look & feel impact down the road



## Open Forum

Your Turn!

Questions?

Concerns?

Stories?